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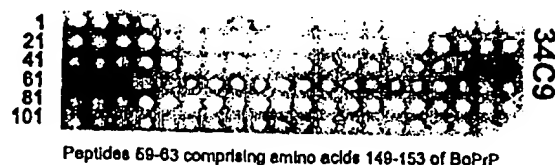
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(21) International Application Number: PCT/EP98/00917 (22) International Filing Date: 18 February 1998 (18.02.98) (30) Priority Data: 97102837.8 21 February 1997 (21.02.97) EP (34) Countries for which the regional or international application was filed: AT et al. (71) Applicant (for all designated States except US): KANTON ZÜRICH vertreten durch DIE ERZIEHUNGSDIREKTION [CH/CH]; Walchtor, CH-8090 Zürich (CH). (72) Inventors; and (75) Inventors/Applicants (for US only): <u>KORTH</u> , Carsten → [DE/CH]; Lengstrasse 70, CH-8008 Zürich (CH). <u>STIERLI</u> , Beat [CH/CH]; Alte Landstrasse 38, CH-8114 Dänikon (CH). <u>STREIT</u> , Peter [CH/CH]; Scheuchzerstrasse 9, CH-8006 Zürich (CH). <u>OESCH</u> , Bruno [CH/CH]; Haldenstrasse 13, CH-5233 Stilli (CH). <u>MOSER</u> , Markus [CH/CH]; Waidfussstrasse 25, CH-8037 Zürich (CH). (74) Agent: SCHAEFER, Konrad; Schaefer & Emmel, Gchölzweg 20, D-22043 Hamburg (DE).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BG, BR, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HU, ID, IL, IS, JP, KE, KP, KR, LK, LR, LS, LT, LU, LV, MK, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TR, UA, UG, US, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments. PATENTANWALTE SCHAEFER & EMMEL INC - 4. DE 1998 RIST

(54) Title: IMMUNOLOGICAL DETECTION OF PRIONS

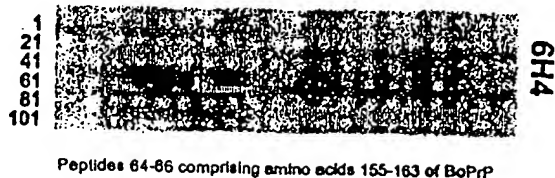
(57) Abstract

The presented invention relates to monoclonal antibodies useful in sensitive and specific immunological assays for the identification of prions in various tissues and body fluids, the production of such monoclonal antibodies by means of immunisation of PrP⁰ mice by means of a new recombinant fragment of PrP and the use of the antibodies, e.g. for therapeutic and preventive treatments of humans and animals suffering from prion diseases.

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